

ROUND PLASTIC CEILING Loudspeaker

➤ **PCL6/T**

ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model PCL6/T or equal and approved. The baffle shall be a round two part bezel construction comprising of a round inner metal mesh grille and ABS chassis having no visible fixings. Installation shall be by means of 4 x rotary compression clamps adjustable from behind the front grille. Front grille will be removable for ease of installation. The ABS plastic compound to be "UL, V0" yellow card approved. Assembly shall comprise of a twin cone loudspeaker and a factory mounted 6 watt/100 volt line transformer with the power taps clearly marked on the assembly.

The field cabling to be connected via a 2 way terminal block.

The loudspeaker shall have a wide-angle dispersion. The cone shall be a damped, high compliance type with a smooth extended frequency response.

RATED POWER	6W
TAPPINGS 100V LINE	6/3/1.5/0.75/0.25W
EFFECTIVE FREQUENCY RANGE	85 - 18.5kHz
SPL @ 1W/M (TEST SIGNAL 100Hz - 10kHz)	82dB
DISPERSION AT 1k/2kHz	180/120
AXIAL Q FACTOR AT 1k/2kHz	2.1/4.9
COLOUR	WHITE
CEILING CUT-OUT	194mm

All units to be tested in accordance with BSEN60268-5



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